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IN THE UNITED STATES DESIGNATED/ELECTED OFFICE

International Application No. : PCT/EP2004/003091

International Filing Date : 24 March 2004 (24.03.2004)

Priority Date(s) Claimed : 18 April 2003 (18.04.2003)

Applicant(s) (DO/EO/US) : Herwig BUCHHOLZ, et al.

Title: ANTIMICROBIAL PIGMENTS

INFORMATION DISCLOSURE STATEMENT UNDER 37 CFR §§ 1.56, 1.97 and 1.98

Commissioner for Patents P.O. Box 1450 Alexandria, VA 22313-1450

Sir:

This information disclosure statement is made in accordance with 37 C.F.R. §§ 1.56, 1.97 and 1.98 as follows:

Timing and Fees

\boxtimes	Under 37 C.F.R. § 1.97(b), no fee or statement is required for filing this information disclosure statement is filed:									
		within three months of the filing date of a national application other than a CPA under § 1.53(d);								
	\boxtimes	within three months of the actual filing date of the national phase of a PCT application; OR								
		before the mailing of a first substantive office action (including after filing of an RCE).								
		37 C.F.R. § 1.97(c), this information disclosure statement is filed after the periods led in 37 C.F.R. § 1.97(b), but before the mailing date of:								
		a final rejection under 37 C.F.R. 1.113; termination of prosecution, e.g. Ex Parte Quayle, M.P.E.P § 609(B)(2); OR a notice of allowance under 37 C.F.R. § 1.311; and								

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		is acco	mpanied by:
			the statement as specified in 37 C.F.R. § 1.97(e) set out below; OR
			a check covering the fee of \$180.00 under 37 C.F.R. § 1.17(p).
			R. § 1.97(d), this information disclosure statement is filed after the mailing lowing actions which have not been withdrawn:
		a final	action under 37 C.F.R. § 1.113;
		termin	ation of prosecution, e.g. Ex Parte Quayle, M.P.E.P § 609(B)(2);
		OR a r	notice of allowance under 37 C.F.R. § 1.311;
	AND i	s filed o	on or before payment of the issue fee; AND is accompanied by:
			tement as specified in 37 C.F.R. § 1.97(e) as set forth below, and the fee of 00 under 37 C.F.R. § 1.17(p).
Staten	nents Ur	nder 37	C.F.R. 1.97(e)
			Each item of information contained in this information disclosure statement was cited in a communication from a foreign patent office in a counterpart foreign application having a mailing date not more than three months prior to the filing date of this information disclosure statement; or
			No item of information contained in this information disclosure statement was cited in a communication from a foreign patent office in a counterpart foreign application, and to the knowledge of the undersigned attorney after making reasonable inquiry, no item of information contained in this information disclosure statement was known to any individual designated in 37 C.F.R. § 1.56(c) more than three months prior to the filing date of the information disclosure statement.
Cited	Materia	<u>ls</u>	
		ancest	of materials listed but not attached were cited in benefit (35 U.S.C. § 120) or application Serial No, on Form 892 by the Examiner and/or Form by the applicant; see 37 C.F.R. § 1.98(d).
	\boxtimes	_	s of materials listed but not attached were cited in an international search dated November 2, 2004.
		Not re	quired by 37 CFR § 1.98.
		Copie	s of the materials listed are attached (except for the foregoing).

Non-English	Language References					
\boxtimes	An English-language search report or equivalent paper from a foreign patent office is provided indicating the relevance of the cited reference(s).					
	A foreign-language search report from a foreign patent office is provided, and pertinent parts are translated substantively below:					
	 X = document of particular relevance when it is taken alone Y = document of particular relevance when it is combined with another such document 					
	A = document defining the general state of the art O = non-written disclosure					
	P = intercalated document					
	T = document cited to understand the theory or principle underlying the invention					
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Respectfully submitted,

Anthony J. Zelano, Reg. No. 27,969 Attorney/Agent for Applicants

MILLEN, WHITE, ZELANO & BRANIGAN, P.C.
Arlington Courthouse Plaza l
2200 Clarendon Blvd. Suite 1400
Arlington, Virginia 22201
Telephone: (703) 243-6333
Facsimile: (703) 243-6410

Attorney Docket No.: MERCK-2686-1

Date: October 17, 2005

AJZ:ssr

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Substitute	for form 1449A/PTC)		Complete if Known		
				Application Number	USNP of PCT/EP2004/003091	
INFO	RMATION	DIS	CLOSURE	Filing Date	24 March 2004 (24.03.2004)	
STAT	EMENT B	Y A	PPLICANT	First Named Inventor	Herwig BUCHHOLZ, et al.	
				Group Art Unit	unknown	
 	(use as many she	eets as	necessary)	Examiner Name	unknown	
Sheet	1	of	2	Attorney Docket Number MERCK-2686-1		

	U.S. PATENT DOCUMENTS							
Examiner Initials *	Cite No.1	U.S. Patent Docum	nent Kind Code ² (if known)	Traine of Lateriles of Application	Date of Publication of Cited Document			
	001	6,030,627	Α	SEO, et al.	02-29-2000			
	002	4,906,466	Α	EDWARDS, et al.	03-06-1990			
	003	5,503,840	Α	JACOBSON, et al.	07-01-1997			

	FOREIGN PATENT DOCUMENTS										
Examiner Initials*	Cite No.1	Office ³	Foreign Patent Docur	ment Kind Code ⁵ (if known)	Name of Patentee or Applicant of Cited Document	Date of Publication of Cited Document MM-DD-YYYY	Pages, Cotumns, Lines, Where Relevant Passages or Relevant Figures Appear	™			
	004	EP	0 665 004	Α	LUCKY LTD	08-02-1995	Ex. 1, 2	001			
	005	EP	0 251 783	Α	JOHNSON MATTHEY PLC	01-07-1988	claims 1-8	002			
	006	JP	01 268764	1 A	ISHIHARA SANGYO KAISHA LTD.	10-26-1989	abstract				
	007	wo	94/15462	Α	DU PONT	07-21-1994	claims 1-3, 15	003			

Examiner Signature	Date Considered	

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Substitute for	form 1449A/PTO			Complete if Known		
MEOD	A TION		L OCUPE	Application Number	USNP of PCT/EP2004/003091	
		_	LOSURE	Filing Date	24 March 2004 (24.03.2004)	
STATE	MENT BY	AP	PLICANT	First Named Inventor	Herwig BUCHHOLZ, et al.	
				Group Art Unit	unknown	
(us	se as many shee	ets as n	ecessary)	Examiner Name	unknown	
Sheet 2 of 2				Attorney Docket Number	MERCK-2686-1	

	NON PATENT LITERATURE DOCUMENTS								
Examiner tnitials *	Cite No.1	Include name of the author (in CAPITAL LETTERS), title of the article (when appropriate), title of the item (book, magazine, journal, serial, symposium, catalog, etc.), date, page(s), volume-issue number(s), publisher, city and/or country where published.	T 2						
		DATABASE CHEMABS 'ONLINE! CHEMICAL ABSTRACTS SERVICE, COLUMBUS, OHIO, US; ENTERED STN: 15 JULY 1997 (1997-07-15) SEO, D. S. ET AL: "ANTIMICROBIAL INORGANIC PIGMENTS FOR COSMETICS; XP002298452, RETRIEVED FROM STN DATABASE ACCESSION NO. 127:39451 ABSTRACT & COSMETICS & TOILETRIES, 112 (5), 83-88, 90 CODEN: CTOIDG; ISSN: 0361-4387, 1997							
	009	A. GOETZ, E.C.Y. INN: "REVERSIBLE PHOTOLYSIS OF AG SORBED ON COLLOIDAL METAL OXIDES: REVIEWS IN MODERN PHYSICS, VOL. 20, NO. 1, JANUARY 1948, PAGES. 131-142, XP002298486, CITED IN THE APPLICATION PAGE 131, COLUMN 2, PARAGRAPH B PAGE 133, COLUMN 1, LINE 18							
	010	DATABASE WPI, SECTION CH, WEEK 198949; DERWENT PUBLICATIONS LTD., LONDON, GB; CLASS A60, AN 1989-359956 XP002298538							
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